Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**Exit Slip 6.8: Equation of a Circle**

1. What are the coordinates for the center of this circle? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the radius? \_\_\_\_\_\_\_\_\_\_\_\_



Graph it:



2. A circle K has a center (-1, 4) and a radius of 12. What is the equation of circle K?

3. \*Not part of your grade… you MUST attempt. +1 point for attempt, -1 point for no attempt

Find the center and radius of the circle expressed by the following equation: